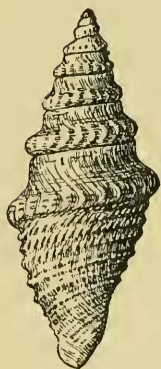


DESCRIPTION OF *BATHYTOMA REGNANS*, N.SP., FROM THE INDIAN OCEAN.

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BATHYTOMA REGNANS, n.sp.

B. TESTA fusiformi, calcarea, pallide cinereo-straminea, solidula, pulcherrime sculpturata, anfractibus 9, quorum apicales duo globulares, lævissimi, cæteris ad suturas anguste sed profunde canaliculatis, infra, juxta suturas, longitudinaliter irregulariter arcte striatis, deinde apud peripheriam tumide angulatis, spiraliter ad angulum creberrime crescenti-tuberculatis, imbricatulis, ultimo anfractu cæteros exæquante, infra peripheriam spiraliter crebrilirato, liris ad 15, supernis parvi-tuberculatis, simul ac lineis incrementalibus longitudinaliter irregulariter præditis, apertura anguste oblonga, labro unangulato, paullum flexuoso, columella alba, nitidiuscula, ad medium tuberculo-plicata, sinu perobscuro, canali brevi, recurvo.

Long. 30, lat. 12 mm.

Hab.—Indian Ocean. *Investigator* Expedition (Alcock).

A very elaborately sculptured member of the Turridæ, which upon more than one occasion I have closely examined with the late Mr. Edgar Smith, and agreed that the genus *Bathytoma*, Harris & Burrows, was the most fitting for its reception. This was established in 1891, *Murex cataphractus*, Brocchi,¹ a fossil form, being the type. There is, doubtless, a close alliance with *Surcula*, H. & A. Adams.

Dr. W. H. Dall² includes the fine species *Surcula carpenteriana*, Gabb, from California,³ and its near allies, *tryoni*, Gabb, *gabbiana*, Dall, as typical *Bathytome*. I consider *B. regnans* is very nearly allied also to *Genotia luhdorfi*, Lischke, from Japan, a fine and still uncommon species, with somewhat similar sculpture, though hardly so elaborated.

The exact locality of this species, dredged at considerable depth during the cruise of S.S. *Investigator*, is unknown, but it probably comes from the Bay of Bengal. It is in dead condition, but fairly perfect, and was given by Dr. Alcock to Mr. F. W. Townsend, who in his turn was kind enough to present it to me in 1910.

¹ Harris & Burrows, Eocene and Oligocene, Paris Basin, p. 113.

² Dall, "Miocene of Astoria and Coos Bay, Oregon": Professional Paper U.S. Geol. Surv., No. 59, 1909, p. 27.

³ Proc. California Acad. Sci., iii, 1865, p. 183.